

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 19.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012169**Date Inspected:** 18-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** T. Pasqualone & J. Cayabyab**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Component:** N/A**Bridge No:** 34-0006**Summary of Items Observed:**

At the start of the shift the Quality Assurance Inspector (QAI) traveled to the project site and observed the following work performed by American Bridge/Fluor (AB/F) personnel at the E1/E2 and E2/E3 field splices:

- A). Installation of the 12 mm x 38 mm backing bar.
- B). Edge preparation of E2 to E3 field splice.

The QAI observed the installation of the backing bar at the E1 to E2 field splice utilizing unique fitting aids to bring the backing bar in contact with the bottom plates. The backing bar appears to comply with the contract documents.

Later in the shift the QAI also observed the AB/F personnel removing the zinc primer from the weld joint preparation of the Orthotropic Box Girders (OBG) identified as E2 and E3 prior to the final positioning of E3 OBG.

The above work was monitored by AB/F Quality Control (QC) personnel Tom Pasqualone and Jesus Cayabyab. Final acceptance of the work performed during this shift is pending QC inspection.

See the digital photographs on page two (2) of this report in regards to the work performed and observed on this date.

WELDING INSPECTION REPORT

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Summary of Conversations:

There were no pertinent conversations were discussed in regards to the project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammad Fatemi (916) 813-3677, who represents the Office of Structural Materials for your project.

Inspected By: Reyes,Danny

Quality Assurance Inspector

Reviewed By: Levell,Bill

QA Reviewer